

10299100 DESERT CREEK NEAR WELLINGTON, NV

WALKER RIVER BASIN, WEST WALKER RIVER BASIN

LOCATION.--Lat 38°38'55", long 119°19'30" referenced to North American Datum of 1927, in NW ¼ NW ¼ sec.17, T.9 N., R.24 E., Lyon County, Hydrologic Unit 16050302, on right bank 30 ft above diversion structure, half a mile above Desert Creek Ranch and 8 mi southeast of Wellington.

DRAINAGE AREA.--50.4 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--Nov 1964 to 1979, Oct 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 5,800 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--No estimated daily discharges. Records fair.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 262 ft³/s, Jun 5, 1969, gage height, 3.28 ft (different location).

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 36 ft³/s, Aug 16, gage height, 4.19 ft; minimum daily discharge, 4.8 ft³/s, Sep 23, gage height.

10299100 DESERT CREEK NEAR WELLINGTON, NV—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	13	15
2	---	---	---	---	---	---	---	---	---	---	15	14
3	---	---	---	---	---	---	---	---	---	---	25	14
4	---	---	---	---	---	---	---	---	---	---	25	13
5	---	---	---	---	---	---	---	---	---	---	24	13
6	---	---	---	---	---	---	---	---	---	---	25	12
7	---	---	---	---	---	---	---	---	---	---	25	7.1
8	---	---	---	---	---	---	---	---	---	---	25	6.5
9	---	---	---	---	---	---	---	---	---	---	24	6.4
10	---	---	---	---	---	---	---	---	---	---	23	6.6
11	---	---	---	---	---	---	---	---	---	---	22	6.2
12	---	---	---	---	---	---	---	---	---	---	21	6.5
13	---	---	---	---	---	---	---	---	---	---	21	6.3
14	---	---	---	---	---	---	---	---	---	---	21	6.1
15	---	---	---	---	---	---	---	---	---	---	21	6.0
16	---	---	---	---	---	---	---	---	---	---	22	5.8
17	---	---	---	---	---	---	---	---	---	---	25	5.9
18	---	---	---	---	---	---	---	---	---	---	23	5.9
19	---	---	---	---	---	---	---	---	---	---	21	5.9
20	---	---	---	---	---	---	---	---	---	---	21	5.8
21	---	---	---	---	---	---	---	---	---	---	21	6.9
22	---	---	---	---	---	---	---	---	---	---	20	5.3
23	---	---	---	---	---	---	---	---	---	---	19	4.8
24	---	---	---	---	---	---	---	---	---	---	19	5.2
25	---	---	---	---	---	---	---	---	---	---	18	5.5
26	---	---	---	---	---	---	---	---	---	---	18	5.6
27	---	---	---	---	---	---	---	---	---	---	18	6.2
28	---	---	---	---	---	---	---	---	---	14	17	5.7
29	---	---	---	---	---	---	---	---	---	14	16	5.2
30	---	---	---	---	---	---	---	---	---	14	16	5.1
31	---	---	---	---	---	---	---	---	---	14	16	---
Total	---	---	---	---	---	---	---	---	---	---	640	223.5
Mean	---	---	---	---	---	---	---	---	---	---	20.6	7.45
Max	---	---	---	---	---	---	---	---	---	---	25	15
Min	---	---	---	---	---	---	---	---	---	---	13	4.8
Ac-ft	---	---	---	---	---	---	---	---	---	---	1,270	443

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1965 - 2005, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	4.62	4.74	4.73	4.39	4.61	5.99	11.4	37.7	56.7	35.1	14.8	9.71
Max	6.99	7.05	6.31	6.33	5.82	7.88	17.4	93.3	127	54.5	20.6	19.9
(WY)	(1968)	(1968)	(1967)	(1966)	(1966)	(1967)	(1969)	(1969)	(1969)	(1967)	(2005)	(1965)
Min	2.76	3.26	3.02	3.17	3.54	4.36	4.96	12.3	12.9	12.3	7.44	3.19
(WY)	(1969)	(1969)	(1969)	(1965)	(1965)	(1965)	(1967)	(1968)	(1968)	(1968)	(1968)	(1968)

10299100 DESERT CREEK NEAR WELLINGTON, NV—Continued**SUMMARY STATISTICS**

	Water Years 1965 - 2005	
Annual mean	16.3	
Highest annual mean	28.4	1969
Lowest annual mean	7.32	1968
Highest daily mean	198	May 27, 1969
Lowest daily mean	1.8	Jan 8, 1965
Annual seven-day minimum	2.4	Oct 8, 1968
Annual runoff (ac-ft)	11,790	
10 percent exceeds	36	
50 percent exceeds	6.4	
90 percent exceeds	3.3	